



# **HAZ-WASTE REDUCTION INITIATIVE**

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PROTECTING FAMILIES AND COMMUNITIES

A project by the  
California Department of Toxic Substances Control (DTSC)



# **Haz-Waste Reduction Initiative Overview**

## **Goal for the Initiative**

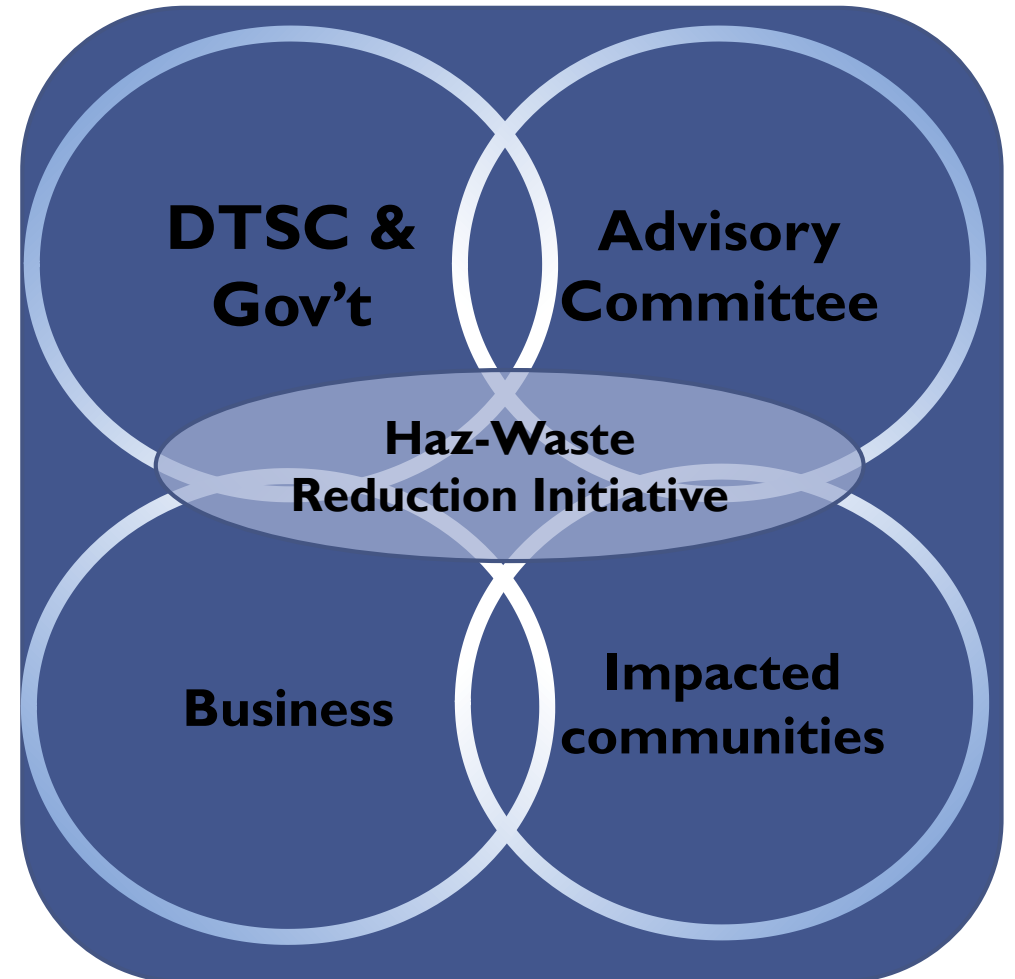
- Reduce hazardous wastes that pose threats to human health and the environment, and that impact Environmental Justice communities in California.



# Haz-Waste Reduction Initiative Overview

## Collaborative Effort Between

- Department of Toxic Substances Control and government agencies
- Advisory Committee
- Businesses
- Impacted communities and other stakeholders





# Advisory Committee

## 9 Committee members representing

- Communities affected by hazardous waste (2)
- Statewide environmental justice (1)
- Statewide environmental advocacy (1)
- Statewide industry and business advocacy organizations (3)
- Local government (1)
- Academic with research in pollution prevention (1)



# Role of the Advisory Committee

- Selected from a range of diverse stakeholders
- Held eight meetings between March 2016 and April 2017
- Proposed over a dozen pilot project topics
- Advised using a broad range of selection criteria
- Recommended four waste topics



# Pilot Project Proposals

Lead Acid Batteries



Petroleum Refinery Wastes



Contaminated Soils



Organic Solvent Wastes





# Pilot Project Proposals

## Pilot Project Selection Criteria

- Technically feasible, implementable, scalable, measurable
- Large volume/high toxicity waste
- Benefits impacted communities



# Pilot Project Proposals

## Why Lead Acid Batteries?



- Legacy environmental contamination
- Lead exposure affects communities and children
- Candidate for evaluation under DTSC's Safer Consumer Products Program





# Pilot Project Proposals

## Why Petroleum Refinery Waste?



- 18 petroleum refineries in California
- Many refineries located in impacted areas
- Generate many types of hazardous waste
- Build on previous source reduction efforts



# Pilot Project Proposals

## Why Contaminated Soils?



- Largest hazardous waste generated in California
- Explore innovative treatment options
- Avoid shifting the burden from one community to another
- Integrate community involvement strategies



# Pilot Project Proposals

## Why Organic Solvent Waste?



- Used in many industries
- Toxic and poses a risk to workers
- Improper storage and handling poses the risk of environmental contamination
- Explore solvent recovery practices and other methods



# Project Update

- Finalized Pilot Project Proposals
- Completed Request for Information/Partnerships
- Gathered information and collected data
- Conducted Soil Washing Study
- Met with Battery Industry Representatives



# Next Steps

## Include:

- Draft summary of findings and recommendations report
- Ongoing solicitation for partnerships
- Community Dialogue on the Management of Contaminated Soil



# Haz-Waste Reduction Initiative Schedule

- Report due: **June 30, 2017**
- Includes:
  - Summary of public and stakeholder engagement
  - Overview of waste topics with data analysis
  - Findings and recommendations



# What Can You Do?

- Provide ideas, information, or comments
- Submit input and questions to: [cphwr@dtsc.ca.gov](mailto:cphwr@dtsc.ca.gov)
- Subscribe to our e-list at: [dtsc.ca.gov/hw-reduction](http://dtsc.ca.gov/hw-reduction)